

# MMP Input Data from AWM for: Sparkman

Assisted by: JCD

## Average Annual Manure Production Stored (for MMP "Analysis" tab)

| Facility                    | Manure |           | Bedding |         | Wash Water | Flush Water | Runoff and<br>Extr Precip | Rainfall | Annual Throughput<br>Volume w/o 25Yr<br>Rainfall and Runoff |           |
|-----------------------------|--------|-----------|---------|---------|------------|-------------|---------------------------|----------|---|-----------|
|                             | Tons   | Gallons   | Tons    | Gallons | Gallons    | Gallons     | Gallons                   | Gallons  | Tons  | Gallons   |
| Storage Pond #1             | NA     | 1345296   | NA      | 0       | 91493      | 0           | 0                         | 401003   | NA  | 1837792   |
| Dry Stack<br>(Covered) #1   | 563    | NA        | 0       | NA      | NA         | NA          | NA                        | NA       | 563   | NA        |
| Dry Stack<br>(Uncovered) #1 | 97     | NA        | 0       | NA      | NA         | NA          | NA                        | NA       | 97  | NA        |
| Dry Stack<br>(Covered) #2   | 36     | NA        | 0       | NA      | NA         | NA          | NA                        | NA       | 36  | NA        |
| <b>Annual Total</b>         | 696    | 1,345,296 | 0       | 0       | 91,493     | 0           | 0                         | 401,003  | 696   | 1,837,792 |

## Spreadable or Pumpable Capacity (for MMP "Storage" tab)

| Facility                    | Manure |         | Bedding |         | Wash Water | Flush Water | Runoff &<br>Extrn Precip | Rainfall | Design Storage<br>Period | Design Volume w/o<br>25Yr Rainfall and<br>Runoff |         |
|-----------------------------|--------|---------|---------|---------|------------|-------------|--------------------------|----------|--------------------------|--|---------|
|                             | Tons   | Gallons | Tons    | Gallons | Gallons    | Gallons     | Gallons                  | Gallons  | Months                   | Tons   | Gallons |
| Storage Pond #1             | NA     | 782921  | NA      | 0       | 53246      | 0           | 0                        | 329727   | 7                        | NA   | 1165894 |
| Dry Stack<br>(Covered) #1   | 283    | NA      | 0       | NA      | NA         | NA          | NA                       | NA       | 6                        | 283  | NA      |
| Dry Stack<br>(Uncovered) #1 | 48.7   | NA      | 0       | NA      | NA         | NA          | NA                       | NA       | 6                        | 48.7   | NA      |
| Dry Stack<br>(Covered) #2   | 35.7   | NA      | 0       | NA      | NA         | NA          | NA                       | NA       | 12                       | 35.7   | NA      |

## Animal Production Data

| Animal             | Type of Animal | Number | Weight in Lb | Manure<br>Produced per<br>Animal Unit in<br>CF/Day | Total Manure<br>Produced in<br>CF/Day | Annual Manure<br>Produced in CF | Annual Manure<br>Produced in Gal |
|--------------------|----------------|--------|--------------|--|---------------------------------------|---------------------------------|----------------------------------|
| Calf (330 lb)      | Dairy          | 25     | 200          | 1.30   | 6.50                                  | 2,379                           | 17,795                           |
| Dry Cow            | Dairy          | 25     | 1400         | 0.84   | 29.40                                 | 10,760                          | 80,488                           |
| Milker(125lb Milk) | Dairy          | 250    | 1200         | 2.10   | 630.00                                | 230,580                         | 1,724,738                        |
| Totals             |                | 300    | N/A          | N/A  | 665.90                                | 243,719                         | 1,823,021                        |

## Annual Production vs Storage

| Manure Stored |         |          | Manure Not Captured |        |         |
|---------------|---------|----------|---------------------|--------|---------|
| (CF)          | (Gal)   | (Lbs)    | (CF)                | (Gal)  | (Lbs)   |
| 203038        | 1518724 | 12182280 | 40681               | 304294 | 2440860 |